

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of:

Applicant(s): Takeo Oita

Serial No.: 10/054,281

Conf. No.: 6323

Filed: January 22, 2002

For: A CRYSTAL OSCILLATOR THAT
UTILIZES A POWER TRANSISTOR
TO KEEP A CRYSTAL
RESONATOR WARM (as amended)

Art Unit: 2817

Examiner: Shingleton, Michael B.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

8 Sept 03
Date

Attorney for Applicant(s)
Registration No. 29367

AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	9	20		\$18.00	\$ 0
Independent Claims	4	4		\$84.00	\$ 0
Fee for Multiple Dependent Claims				\$280.00	\$ 0
Total Additional Fee					\$ 0
Small Entity Fee (reduced by half)					\$ 0

- (X) Amendment A.
 (X) Information Disclosure Statement; Form PTO 1449; Copies of cited references and search report
 () A check in the amount of \$_____ is attached.
 (X) Petition for Extension of Time (in duplicate), with check in the amount of \$ 110.00
 () Letter to Draftsperson, with _____ sheets of marked-up drawings.
 () Charge \$_____ to Deposit Account No. 07-2069.

(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By:
 Patrick G. Burns
 Registration No. 29,367

300 South Wacker Drive -Suite 2500
 Chicago, Illinois 60606
 Telephone: (312) 360-0080
 Facsimile: (312) 360-9315
 Customer Number 24978
 KAI50366132AmfTransmittal.DOC

RECEIVED
 SEP 15 2003
 TECHNOLOGY CENTER 2000

1503.66132

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takeo Oita)

Serial No. 10/054,281)

Filed: January 22, 2002)

For: A CRYSTAL OSCILLATOR THAT)
UTILIZES A POWER TRANSISTOR)
TO KEEP A CRYSTAL)
RESONATOR WARM (as amended))

Group Art Unit: 2817)

Confirmation No. 6323)

Examiner: Shingleton, Michael B.)

I hereby certify that this paper is being deposited with the
United States Postal Service as FIRST-CLASS mail in an
envelope addressed to: Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450, on this date.

8 Sept 03

Date

Registration No. 29367

F-CLASS.WCM

Appr. February 20, 1998

Attorney for Applicant

AMENDMENT A

Commissioner for Patents
P.O. Box 1450
Washington, D.C. 22313-1450

Sir:

In response to the office action mailed May 7, 2003, please consider the
following claim amendments and remarks.

RECEIVED
SEP 15 2003
TECHNOLOGY CENTER 2800